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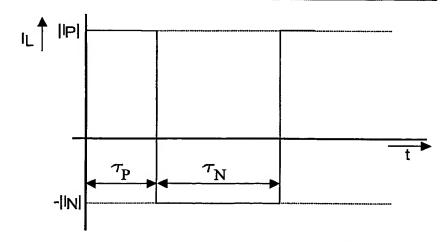
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(54) Title: METHOD AND DEVICE FOR DRIVING A METAL HALIDE LAMP

$$T_{P} < T_{N}$$

$$||P| > ||N|$$

$$I_{AV} = \frac{\tau_{P} \cdot |I_{P}| - \tau_{N} \cdot |I_{N}|}{\tau_{P} + \tau_{N}} = 0$$



(57) Abstract: A gas discharge lamp (2) is operated with an alternating current. A positive lamp current (Ip) is generated with a positive current intisity (Ip) for a positive duration (τ_p) . A negative lamp current (I_N) is genrated with a negative current intensity (I_N) for a negative duration (τ_N) . A duty cycle $(D=\tau_p/(\tau_p+\tau_N))$ differs from 50%. A current ratio $(R=I_p/I_N)$ differs from 1.





Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,

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